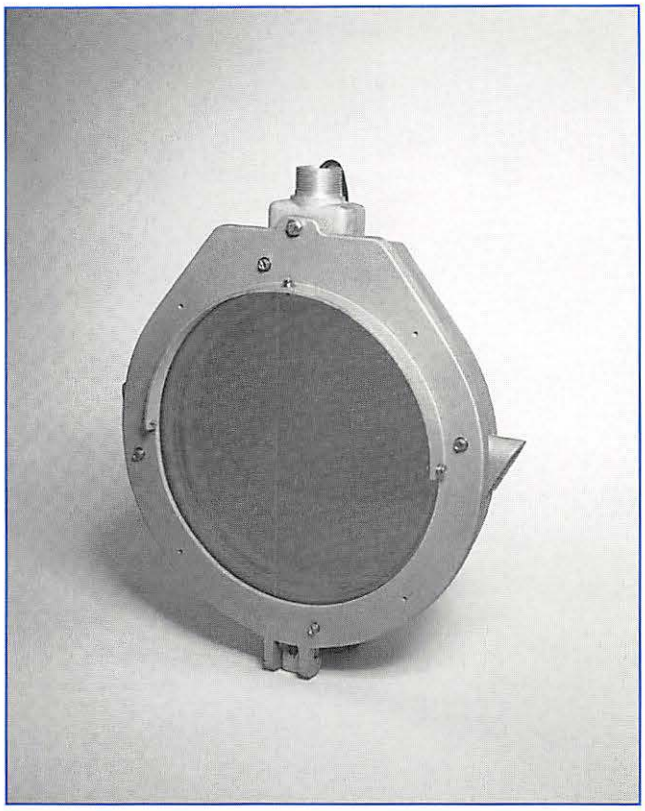
UNION SWITCH & SIGNAL

HC-120LED SIGNAL LIGHT

Union Switch & Signal's HC-120LED Highway Crossing Light is a 12" diameter signal that uses a light emitting diode (LED) module as a light source. Enclosed in a cast aluminum housing, the LED module consumes approximately 30% less power than traditional incandescent lamps. The US&S HC-120LED Signal Light meets AAR and AASHO standards and has an estimated operating life of 100,000 hours.



advantages

- Brighter than incandescent lamps.
- Consumes 30% less power than incandescent lamps.
- Increased available battery back-up time for highway crossing warning systems.
- Sufficient light output is maintained if discrete LED failure should occur.

features

- Cast aluminum water-tight housing with side-view ports.
- LED module uses high efficiency red LEDs.
- Polycarbonate lens (0.125" thick) tinted to match LED wavelength.
- Replaces lights with 30°/15°, 20°/32°, and 70°/0° spread and deflection patterns.
- 18 AWG wiring with 1/4" RWG terminals.

electrical specifications

- Current draw: 1.3 amps nominal.
- Operating voltage: 10 volts dc/ac $\pm$1.5 volts.
- Power consumption: 12 watts at 10 volts dc.
- Operating temperature: -40° C to 85° C.

optical specifications

- Light output: 180 candelas.
- Viewing angle: 30°.
- Dominant wave length: 622-644 nm.

dimensions

- Diameter: 12 inches.
- Depth: 5 inches.

UNION SWITCH & SIGNAL

Union Switch & Signal Inc. an Ansaldo Signal Company
1000 Technology Drive, Pittsburgh PA 15219-3120 - Tel. 412.688.2400 - Fax 412.688.2399
645 Russell Street, Batesburg, SC 29006 - Tel. 803.532-4432 - Fax 803.532-2940

Bul. No. 535
© 1998 Union Switch & Signal Inc.
Printed in U.S.A.